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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF LEVELS, TRENDS AND TURNOVER RATES

MAY 1980

Vol. XXV No. 5

JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY BUREAU OF EMPLOYMENT SECURITY

In cooperation with the United States Bureau of Labor Statistics

BUH-682 REV. 10-79

- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
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PENNSYLVANIA EMPLOYMENT & EARNINGS
APRIL 1980

Unemployment in Pennsylvania, seasonally adjusted, jumped in April. The volume, estimated at 414,000 - an increase of 47,000 from March - produced a rate of 7.7 percent compared with March's 6.8 percent. The upswing in jobless rates began early in 1979, was halted briefly in February and March, and resumed in April. A year ago, seasonally adjusted unemployment was 345,000, with the rate at 6.6 percent.

Unadjusted, the rate declined to 7.3 percent, a drop of five-tenths of a percent form March. The volume dropped 27,000 to 388,000. Last April, the rate registered 6.2 percent, with a total jobless count of 320,000.

Nationwide, the April seasonally adjusted rate was 7.0 percent of the civilian labor force, up a substantial eight-tenths percent over March. The unadjusted rate of 6.6 percent remained unchanged form March.

NONAG JOBS TOTAL CONTINUES TO RISE THOUGH FACTORY JOBS SLIP AGAIN

Nonagricultural wage and salary jobs in the aggregate continued to increase during April although the upswing was not nearly as prominent as is usually the case at this time of the year. The 31,000 job additions occurred in the nonmanufacturing segments, principally CONSTRUCTION and SERVICES. Factory jobs showed a moderate downturn. Increases in nondurable industries were offset by flagging activity in durables. On the whole, manufacturing jobs were down 5,400.

With the exception of NONELECTRICAL MACHINERY which remained unchanged, every other durable industry slipped a bit. Most seriously affected was TRANSPORTATION EQUIPMENT where each segment, Motor Vehicles, Aircraft and Boatbuilding reflected a straitened economy.

On the nondurable side, TEXTILES and TOBACCO remained essentially unchanged. The PAPER industry slowed its pace but other industries inched upward. The gain in the PETROLEUM industry reflected a labor-management dispute settlement.

PRODUCTION WORKWEEK UP SLIGHTLY BUT DOWN OVER THE LONG TERM

Factory production hours posted a gain of twelve minutes in April. The shift was most noticeable in certain nondurable industries, TOBACCO, PAPER and APPAREL. FURNITURE and PRIMARY METALS provided a bit of cheer in durable industries. Conversely, STONE, CLAY and GLASS and PETROLEUM reported the heaviest drag in working time.

Although it took its first upward turn in five months, production time has, nevertheless, been significantly curtailed over this period. From March to April, factories lost approximatley 50,000 production hours and 4,600 workers. Last November's workweek at 40.3 hours represented 40,021,500 manhours for 992,100 production workers whereas April's 38.8 hour week reflects 38,158,000 hours for 984,200 workers. Pennsylvania factories have lost nearly 8,000 production workers and better than one and three quarter million manhours over the five month period.

Nationwide, the factory workweek stood at 39.4 hours – down four-thenths of an hour.

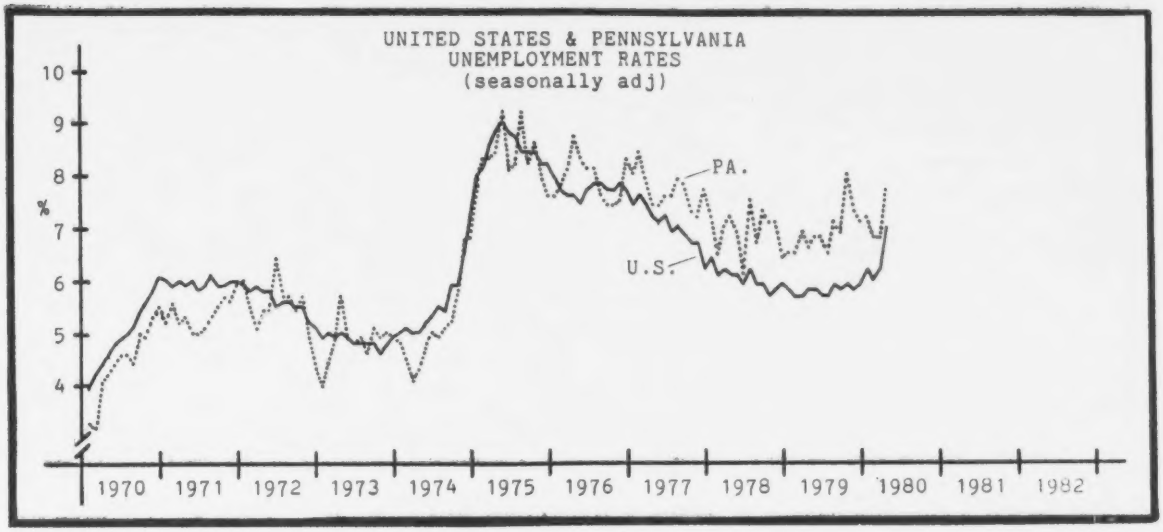
HOURLY EARNING CHANGES COUNTER-BALANCE

Factory production workers averaged $7.44 an hour during April - an increase of three cents over the March rate. Wage increases in TRANSPORTATION EQUIPMENT and PETROLEUM contributed heavily toward boosting these earnings but lighter incentive and overtime earnings in other industries combined to prevent a more meaningful rise.

The national average was $7.07 an hour, up a penny from the previous month.

NONMANUFACTURING JOBS CONTINUE TO HOLD UP WELL

Jobs in the non-factory sector continued to flourish. A rousing 37,700 jobs mirrored almost exactly the five year moving average for these industries. SERVICES forged ahead by 18,100 jobs; CONSTRUCTION followed closely with 15,000. RETAIL TRADE managed a 5,500 increase – a rather week showing for this time of the year. TRANSPORTATION, FINANCE and REAL ESTATE and GOVERNMENT reported the only negatives, but the drop in these three groups combined totaled a mere 1,400. The remaining nonmanufacturing segments showed minor, but positive, changes.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1979 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1978. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision.

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,828.0	4,610.0	218.0	4.5		82,715.0	78,627.0	4,088.0	4.9	
1971	4,801.0	4,542.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,870.0	4,607.0	264.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,068.0	4,646.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,165.0	4,767.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,255.0	4,891.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1979	5,296.0	4,930.0	366.0	6.9		102,908.0	96,945.0	5,963.0	5.8	
1979 Apr	5,179.0	4,860.0	320.0	6.2	6.6	101,236.0	95,675.0	5,561.0	5.5	5.8
May	5,209.0	4,915.0	294.0	5.6	6.8	101,473.0	96,220.0	5,253.0	5.2	5.8
Jun	5,333.0	4,950.0	383.0	7.2	6.8	104,153.0	97,917.0	6,235.0	6.0	5.7
Jul	5,387.0	5,047.0	340.0	6.3	6.5	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug	5,339.0	4,967.0	372.0	7.0	7.1	104,363.0	98,226.0	6,137.0	5.9	5.9
Sep	5,290.0	4,933.0	356.0	6.7	6.9	103,373.0	97,576.0	5,798.0	5.6	5.8
Oct	5,348.0	4,923.0	425.0	7.9	8.0	103,939.0	98,158.0	5,781.0	5.6	5.9
Nov	5,359.0	4,990.0	368.0	6.9	7.3	103,719.0	97,943.0	5,776.0	5.6	5.8
Dec	5,331.0	4,978.0	354.0	6.6	7.1	103,884.0	98,047.0	5,836.0	5.6	5.9
1980 Jan	5,332.0	4,918.0	414.0	7.8	7.2	103,188.0	96,145.0	7,043.0	6.8	6.2
Feb	5,363.0	4,944.0	419.0	7.8	6.8	103,257.0	96,264.0	6,993.0	6.8	6.0
Mar	5,357.0	4,941.0	41.50	7.8	6.8	103,351.0	96,546.0	6,805.0	6.6	6.2
Apr	5,321.0	4,933.0	388.0	7.3	7.7	103,412.0	96,566.0	6,846.0	6.6	7.0

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From–	
	Apr. 1980	Mar. 1980	Apr. 1979	Mar. 1980	Apr. 1979
TOTAL CIVILIAN LABOR FORCE	5,321.0	5,357.0	5,179.0	-36.0	142.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	388.0	415.0	320.0	-27.0	68.0
% CIVILIAN LABOR FORCE	7.3	7.8	6.2	-0.5	1.1
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	414.0	367.0	345.0	47.0	69.0
% CIVILIAN LABOR FORCE	7.7	6.8	6.6	0.9	1.1
TOTAL EMPLOYMENT	4,933.0	4,941.0	4,859.0	-8.0	74.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From–	
	Apr. 1980	Mar. 1980	Apr. 1979	Mar. 1980	Apr. 1979
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,809.5	4,778.6	4,828.3	30.9	-18.8
LABOR-MANAGEMENT DISPUTES	4.0	5.4	8.9	-1.4	-4.9
ALL MANUFACTURING INDUSTRIES	1,366.8	1,372.2	1,389.5	-5.4	-22.7
TOTAL NONMANUFACTURING INDUSTRIES	3,438.7	3,401.0	3,429.9	37.7	8.8
Mining	50.2	49.6	52.2	0.6	-2.0
Anthracite	3.2	3.1	3.1	0.1	0.1
Bituminous	38.0	37.8	40.7	0.2	-2.7
Nonmetallic minerals	4.8	4.5	4.7	0.3	0.1
Contract Construction	195.7	180.7	197.9	15.0	-2.2
General building	53.6	50.9	57.3	2.7	-3.7
Heavy construction	28.7	22.7	34.0	6.0	-5.3
Special trades	113.4	107.1	106.6	6.3	6.8
Transportation	162.0	162.6	169.3	-0.6	-7.3
Railroads	41.6	41.6	43.5	0.0	-1.9
Public Utilities	104.2	104.0	102.5	0.2	1.7
Communications	54.6	54.6	53.8	0.0	0.8
Electric, gas & sanitary service	49.6	49.4	48.7	0.2	0.9
Electric systems	23.7	23.6	23.2	0.1	0.5
Gas production	11.6	11.6	11.4	0.0	0.2
Wholesale trade	240.1	240.1	237.1	-0.1	3.0
Retail trade	726.9	721.4	750.3	5.5	-23.4
General merchandise stores	115.7	117.4	122.2	-1.7	-6.5
Department stores	101.4	103.1	107.6	-1.7	-6.2
Finance, insurance & real estate	238.7	238.9	232.7	-0.2	6.0
Banking	79.2	79.1	76.4	0.1	2.8
Commercial & stock savings	73.0	72.9	70.5	0.1	2.5
Credit agencies & securities	29.5	29.9	29.2	-0.4	0.3
Insurance	70.5	70.7	68.9	-0.2	1.6
Life insurance	26.3	26.4	26.2	-0.1	0.1
Fire, marine & casualty	29.6	29.7	28.5	-0.1	1.1
Services	992.6	974.5	951.4	18.1	41.2
Business services	128.0	128.6	121.8	-0.6	6.2
Health services	306.6	306.1	300.7	0.5	5.9
Nursing & personal care	50.6	50.5	48.8	0.1	1.8
Hospitals	188.4	188.0	182.9	0.4	5.5
Educational service	155.5	152.8	129.8	2.7	25.7
Miscellaneous services	45.9	45.9	44.3	0.0	1.6
Engineering & architectural	29.0	28.7	27.7	0.3	1.3
Government	728.3	729.1	736.5	-0.8	-8.2
Federal	132.4	131.8	130.8	0.6	1.6
State & local	595.9	597.3	605.7	-1.4	-9.8

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS
(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Nonmanufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,724.6	3,999.7	1,369.2	3,355.4	46.8	199.0	983.7	230.8	752.9
1979	4,832.4	4,109.6	1,389.8	3,442.5	52.0	205.8	991.7	238.1	753.6
1979 Apr.	4,819.4	4,082.9	1,389.5	3,429.9	52.2	197.9	987.4	237.1	750.3
May	4,863.0	4,122.0	1,392.2	3,470.8	52.1	209.8	996.3	237.8	758.5
Jun.	4,911.3	4,175.5	1,409.8	3,501.5	52.7	218.3	1,001.8	240.6	761.2
Jul.	4,852.6	4,142.8	1,397.1	3,455.5	52.3	226.8	987.8	241.1	746.7
Aug.	4,845.7	4,137.7	1,390.4	3,455.3	51.9	227.1	986.6	240.6	746.0
Sep.	4,855.9	4,157.7	1,398.0	3,457.9	52.5	225.6	989.5	237.5	752.0
Oct.	4,896.8	4,182.8	1,394.6	3,502.2	51.4	225.1	1,002.7	240.0	762.7
Nov.	4,900.5	4,173.8	1,390.2	3,510.3	51.9	220.0	1,006.8	240.8	766.0
Dec.	4,882.5	4,154.3	1,383.7	3,498.8	51.1	209.7	1,012.9	240.6	772.3
1980 Jan.	4,779.1	4,062.6	1,374.3	3,404.8	50.7	190.5	978.9	240.3	738.6
Feb.	4,754.2	4,036.2	1,372.0	3,382.2	50.2	179.1	959.8	240.3	719.5
Mar.	4,773.2	4,044.1	1,372.2	3,401.0	49.6	180.7	961.6	240.2	721.4
Apr.	4,805.5	4,077.2	1,366.8	3,438.7	50.2	195.7	967.0	240.1	726.9

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	165.7	101.5	226.6	907.2	177.9	729.3	724.9	129.5	595.4
1979	169.5	103.5	235.4	961.8	184.6	777.2	722.7	131.6	591.2
1979 Apr.	169.3	102.5	232.7	951.4	182.9	768.5	736.5	130.8	605.7
May	172.5	102.9	234.7	961.5	183.1	778.4	741.0	131.2	609.8
Jun.	173.2	104.2	238.4	977.1	185.9	791.2	735.8	132.9	602.9
Jul.	166.3	105.0	239.5	968.0	186.7	781.3	709.8	133.5	576.3
Aug.	166.1	105.0	239.4	971.2	186.0	785.2	708.0	132.6	575.4
Sep.	170.9	104.0	236.9	980.3	185.6	794.7	698.2	131.4	566.8
Oct.	172.3	103.9	237.1	995.7	185.9	809.8	714.0	131.1	582.9
Nov.	171.3	104.0	237.7	991.9	186.4	805.5	726.7	132.1	594.6
Dec.	168.5	104.0	237.9	986.5	186.2	800.3	728.2	132.8	595.4
1980 Jan.	163.3	103.8	237.7	963.4	186.8	776.6	716.5	131.9	584.6
Feb.	162.1	103.9	238.0	971.1	187.4	783.7	718.0	131.7	586.3
Mar.	162.6	104.0	238.9	974.5	188.0	786.5	729.1	131.8	597.3
Apr.	162.0	104.2	238.7	992.6	188.4	804.2	728.3	132.4	595.9

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

MARCH 1980

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
All Manufacturing	1,372.2	2.7	2.8	3.1	1.5	1.4	1.8	1.0	1.2	1.0
Durable Goods	846.8	2.3	2.4	2.6	1.1	1.1	1.5	0.9	1.1	0.9
Furniture & Fixtures	20.0	3.7	3.9	4.1	2.2	2.0	3.5	1.4	1.8	0.3
Stone, Clay & Glass Products	62.4	2.5	2.4	3.8	0.7	0.6	1.0	1.8	1.8	2.7
Primary Metal Industries	197.4	2.1	2.3	1.9	0.7	0.6	1.2	1.0	1.4	0.5
Fabricated Metal Products	116.6	2.8	3.0	3.0	1.1	1.2	1.8	1.4	1.4	1.1
Machinery, exc. Electrical	146.3	1.7	1.7	1.8	1.3	1.3	1.4	0.3	0.4	0.2
Electric & Electronic Equip.	126.7	2.1	1.8	2.4	1.2	1.0	1.4	0.5	0.4	0.7
Transportation Equipment	86.8	2.5	2.8	2.7	1.1	1.3	1.6	0.9	1.1	0.7
Instruments & Related Products	43.2	1.9	1.8	2.2	1.6	1.3	1.9	0.1	0.3	0.1
Miscellaneous Manufacturing	24.7	3.1	3.3	3.6	2.0	1.5	2.3	1.0	1.6	1.3
Nondurable Goods	525.4	3.3	3.4	3.8	2.0	1.9	2.3	1.1	1.3	1.3
Food & Kindred Products	96.8	3.2	3.0	3.5	1.7	1.6	2.0	1.3	1.3	1.4
Textile Mill Products	47.4	3.7	4.3	3.6	2.6	2.8	2.5	1.0	1.4	0.9
Apparel & Related Products	126.2	4.3	5.5	4.8	2.4	2.6	2.8	1.6	2.6	1.8
Paper & Allied Products	43.7	3.0	2.5	2.4	1.6	1.5	1.4	1.3	0.8	0.8
Printing & Publishing	73.9	2.9	2.1	2.7	2.0	1.5	1.7	0.9	0.7	1.0
Chemicals & Allied Products	62.1	1.6	1.8	2.1	1.2	1.3	1.6	0.4	0.3	0.4
Petroleum & Coal Products	14.7	1.3	0.8	1.2	0.9	0.5	0.9	0.3	0.2	0.2
Rubber & Plastics Products	40.1	2.7	2.4	3.1	1.3	1.4	2.2	1.0	0.7	0.6
Leather & Leather Products	17.3	7.2	5.1	6.8	5.6	3.9	4.7	1.5	1.1	1.5

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
All Manufacturing	1,372.2	3.0	3.0	2.9	0.9	0.9	1.1	1.4	1.4	1.0
Durable Goods	846.8	2.7	2.8	2.3	0.6	0.6	0.8	1.4	1.4	0.8
Furniture & Fixtures	20.0	3.6	3.9	5.7	1.6	1.3	2.4	1.4	1.6	1.9
Stone, Clay & Glass Products	62.4	2.7	3.0	2.6	0.4	0.5	0.7	1.8	2.0	1.4
Primary Metal Industries	197.4	2.4	2.4	1.8	0.3	0.4	0.4	1.2	1.2	0.6
Fabricated Metal Products	116.6	3.4	3.2	2.5	0.7	0.6	0.8	2.1	1.9	1.0
Machinery, exc. Electrical	146.3	1.8	1.7	1.7	0.7	0.7	0.8	0.5	0.6	0.3
Electric & Electronic Equip.	126.7	3.0	3.0	2.4	0.7	0.7	0.8	1.2	1.4	0.8
Transportation Equipment	86.8	3.5	3.4	2.8	0.5	0.6	0.9	1.9	1.7	1.0
Instruments & Related Products	43.2	2.3	1.9	1.4	0.6	0.7	0.9	1.1	0.7	0.2
Miscellaneous Manufacturing	24.7	3.0	3.0	2.7	0.9	1.0	0.9	1.5	1.4	0.7
Nondurable Goods	525.4	3.4	3.3	3.7	1.3	1.3	1.6	1.4	1.4	1.3
Food & Kindred Products	96.8	3.5	3.6	3.5	1.1	1.2	1.5	1.9	1.7	1.4
Textile Mill Products	47.4	3.3	3.5	3.9	1.7	2.1	2.3	1.0	0.8	0.9
Apparel & Related Products	126.2	4.5	4.2	5.4	1.7	1.6	2.0	1.9	1.8	2.4
Paper & Allied Products	43.7	4.1	2.8	1.9	1.0	0.8	1.0	1.9	1.4	0.4
Printing & Publishing	73.9	1.8	2.4	2.0	0.9	1.2	1.1	0.6	0.8	0.6
Chemicals & Allied Products	62.1	1.4	1.6	1.4	0.5	0.6	0.7	0.5	0.2	0.3
Petroleum & Coal Products	14.7	0.8	1.0	0.7	0.3	0.3	0.3	0.1	0.1	0.1
Rubber & Plastics Products	40.1	4.4	4.5	3.5	1.0	0.9	1.5	2.5	2.6	1.1
Leather & Leather Products	17.3	7.7	6.5	8.3	3.9	3.3	4.5	1.8	2.6	2.8

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Apr. 1980	Mar. 1980	Apr. 1979	Mar. 1980	Apr. 1979
	TOTAL MANUFACTURING INDUSTRIES	1,366.8	1,372.2	1,389.5	-5.4	-22.7
	TOTAL DURABLE GOODS	837.2	846.8	852.0	-9.6	-14.8
24	Lumber & wood products	22.4	22.7	22.8	-0.3	-0.4
243	Millwork, plywood & structural	7.2	7.0	7.3	0.2	-0.1
	Other lumber & wood products	15.2	15.7	15.5	-0.5	-0.3
25	Furniture & fixtures	19.8	20.0	20.3	-0.2	-0.5
251	Household furniture	9.5	9.6	9.5	-0.1	0.0
252	Office furniture	4.8	4.7	5.0	0.1	-0.2
	Other furniture & fixtures	5.5	5.7	5.8	-0.2	-0.3
32	Stone, clay & glass products	61.8	62.4	64.3	-0.6	-2.5
322	Glass & glassware, pressed or blown	15.8	16.0	16.7	-0.2	-0.9
3221	Glass containers	8.3	8.3	9.3	0.0	-1.0
3229	Other pressed or blown glass	7.5	7.7	7.4	-0.2	0.1
324	Hydraulic cement	2.9	3.2	3.6	-0.3	-0.7
325	Structural clay products	6.5	6.5	6.7	0.0	-0.2
326	Pottery & related products	4.9	5.0	5.3	-0.1	-0.4
327	Concrete, gypsum & plaster products	8.6	8.4	8.8	0.2	-0.2
	Other stone, clay & glass products	23.1	23.3	23.2	-0.2	-0.1
33	Primary metal industries	197.3	197.4	201.6	-0.1	-4.3
331	Blast furnace & basic steel products	147.9	147.8	149.8	0.1	-1.9
3312	Blast furnaces & steel mills	134.7	134.7	137.8	0.0	-3.1
	Other basic steel products	13.2	13.1	12.0	0.1	1.2
332	Iron & steel foundries	20.4	20.3	20.5	0.1	-0.1
3321	Gray iron foundries	7.9	7.7	8.1	0.2	-0.2
3325	Steel foundries, n.e.c.	7.6	7.6	7.4	0.0	0.2
3322,4	Malleable iron & steel invest.	4.9	5.0	5.0	-0.1	-0.1
335	Nonferrous rolling & drawing	12.7	13.0	13.4	-0.3	-0.7
336	Nonferrous foundries	7.7	7.8	7.8	-0.1	-0.1
	Other primary metal products	8.6	8.5	10.1	0.1	-1.5
34	Fabricated metal products,(incl. ordnance)	114.6	116.6	116.0	-2.0	-1.4
341	Metal cans & shipping containers	4.9	4.9	5.2	0.0	-0.3
342	Cutlery, hand tools & hardware	7.6	7.8	7.6	-0.2	0.0
343	Plumbing & heating exc. electrical	3.6	3.6	3.5	0.0	0.1
344	Fabricated structural metal products	36.4	37.1	36.2	-0.7	0.2
3441	Fabricated structural metal	9.2	9.3	9.2	-0.1	0.0
3443	Fabricated plate work (boiler shops)	11.1	11.3	11.3	-0.2	-0.2
	Other fabricated struct. metal products	16.1	16.5	15.7	-0.4	0.4
345	Screw machine products, bolts, etc.	9.2	9.1	9.1	0.1	0.1
346	Metal forgings & stampings	20.4	21.3	21.7	-0.9	-1.3
3462	Iron & steel forgings	6.3	6.6	6.5	-0.3	-0.2
	Other metal forgings & stampings	14.1	14.7	15.2	-0.6	-1.1
347,8	Metal services & ordnance, n.e.c.	8.3	8.2	8.2	0.1	0.1
349	Misc. fabricated metal products	24.2	24.6	24.5	-0.4	-0.3
3494	Valves & pipe fittings	11.2	11.2	11.0	0.0	0.2
	Other misc. fabricated metal products	13.0	13.4	13.5	-0.4	-0.5
35	Machinery, exc. electrical	146.3	146.3	143.6	0.0	2.7
351	Engines & turbines	7.2	7.2	7.5	0.0	-0.3
352	Farm & garden machinery	4.9	4.8	4.4	0.1	0.5
353	Construction & related machinery	25.7	25.9	25.8	-0.2	-0.1
3531	Construction machinery	9.3	9.5	9.8	-0.2	-0.5
3535	Conveyors & conveying equipment	3.3	3.3	3.4	0.0	-0.1
	Other construction & related machinery	13.1	13.1	12.6	0.0	0.5
354	Metal working machinery	24.7	24.7	23.9	0.0	0.8
355	Special industry machinery	13.9	13.8	13.2	0.1	0.7
356	General industrial machinery	29.8	29.8	29.7	0.0	0.1
3561	Pumps & pumping equipment	3.9	4.0	4.0	-0.1	-0.1
3562	Ball & roller bearings	4.3	4.3	4.5	0.0	-0.2
3563	Air & gas compressors	5.4	5.4	5.3	0.0	0.1
3567	Industrial furnaces & ovens	4.1	4.1	4.0	0.0	0.1
	Other general industrial machinery	12.1	12.0	11.9	0.1	0.2

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(cont.) Industry Detail
(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Apr. 1980	Mar. 1980	Apr. 1979	Mar. 1980	Apr. 1979
357	Office and computing machines	13.3	12.9	12.8	0.4	0.5
358	Refrigeration & service industry machinery	11.7	11.9	11.8	-0.2	-0.1
359	Misc. machinery, exc. electrical	15.1	15.3	14.5	-0.2	0.6
36	Electric & electronic equipment	125.1	126.7	127.0	-1.6	-1.9
361	Electric distributing equipment	18.3	18.5	20.4	-0.2	-2.1
3612	Transformers	6.1	6.1	6.5	0.0	-0.4
3613	Switchgear & switchboard apparatus	12.2	12.4	13.9	-0.2	-1.7
362	Electrical industrial apparatus	23.8	24.0	24.1	-0.2	-0.3
363	Household appliances	4.5	4.5	4.6	0.0	-0.1
364	Electric lighting & wiring equipment	22.3	22.6	22.4	-0.3	-0.1
3643	Current-carrying wiring devices	11.5	11.4	11.2	0.1	0.3
	Other electric light & wiring equipment	10.8	11.2	11.2	-0.4	-0.4
366	Communication equipment	8.9	9.0	8.7	-0.1	0.2
367	Electronic components & accessories	37.1	37.2	35.3	-0.1	1.8
3674	Semiconductors & related devices	12.8	12.8	11.3	0.0	1.5
	Other electronic components & accessories	24.3	24.4	24.0	-0.1	0.3
	Other electrical equipment & supplies	10.2	10.9	11.5	-0.7	-1.3
37	Transportation equipment	82.7	86.8	86.9	-4.1	-4.2
371	Motor vehicles & equipment	28.5	29.6	32.9	-1.1	-4.4
3714	Motor vehicle parts & accessories	11.0	11.8	12.9	-0.8	-1.9
	Other motor vehicles & equipment	17.5	17.8	20.0	-0.3	-2.5
372	Aircraft & parts	10.7	12.2	11.7	-1.5	-1.0
373	Ship & boat building & repairing	7.7	8.2	7.7	-0.5	0.0
374	Railroad equipment	23.5	23.7	23.5	-0.2	0.0
	Other transportation equipment	12.3	13.1	11.1	-0.8	1.2
38	Instruments & related products	42.8	43.2	43.0	-0.4	-0.2
382	Measuring & controlling devices	23.5	23.8	23.7	-0.3	-0.2
384	Medical instruments & supplies	11.5	11.6	11.8	-0.1	-0.3
	Other instruments & related products	7.8	7.8	7.5	0.0	0.3
39	Miscellaneous manufacturing industries	24.4	24.7	26.5	-0.3	-2.1
	TOTAL NONDURABLE GOODS	529.6	525.4	537.5	4.2	-7.9
20	Food & kindred products	97.1	96.8	98.7	0.3	-1.6
201	Meat products	16.6	16.9	15.9	-0.3	0.7
2011	Meat packing plants	5.3	5.4	5.1	-0.1	0.2
2013	Sausages & other prepared meats	5.6	5.7	5.5	-0.1	0.1
2016,7	Poultry dressing & processing	5.7	5.8	5.3	-0.1	0.4
202	Dairy products	11.7	11.5	11.7	0.2	0.0
2026	Fluid milk	6.7	6.7	6.9	0.0	-0.2
	Other dairy products	5.0	4.8	4.8	0.2	0.2
203	Preserved fruits & vegetables	11.6	11.4	12.8	0.2	-1.2
2033	Canned fruits & vegetables	4.9	4.8	5.4	0.1	-0.5
	Other preserved fruits & vegetables	6.7	6.6	7.4	0.1	-0.7
204	Grain mill products	5.1	5.2	5.0	-0.1	0.1
205	Bakery products	19.5	18.8	19.9	0.7	-0.4
2051	Bread, cake & related products	14.4	14.5	15.3	-0.1	-0.9
2052	Cookies & crackers	5.1	4.3	4.6	0.8	0.5
206	Sugar & confectionery products	14.9	15.3	15.5	-0.4	-0.6
2065	Confectionery products	5.9	6.1	6.5	-0.2	-0.6
2066	Chocolate & cocoa products	5.8	6.1	5.8	-0.3	0.0
	Other sugar products	3.2	3.1	3.2	0.1	0.0
208	Beverages	9.4	9.3	9.7	0.1	-0.3
	Other food & kindred products	8.3	8.4	8.2	-0.1	0.1
21	Tobacco manufacturers	3.2	3.2	3.7	0.0	-0.5
22	Textile mill products	47.4	47.4	48.9	0.0	-1.5
222	Weaving mills, snythetics	4.6	4.5	4.5	0.1	0.1
225	Knitting mills	24.3	24.2	24.7	0.1	-0.4
2253	Knit outerwear mills	12.5	12.4	12.7	0.1	-0.2
2254	Knit underwear mills	4.8	4.8	5.1	0.0	-0.3
	Other knitting mills	7.0	7.0	6.9	0.0	0.1
227	Floor covering mills	3.6	3.9	4.1	-0.3	-0.5
228	Yarn & thread mills	4.8	4.7	5.3	0.1	-0.5
	Other textile mill products	10.1	10.1	10.3	0.0	-0.2

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(concl.) Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Apr. 1980	Mar. 1980	Apr. 1979	Mar. 1980	Apr. 1979
23	Apparel & other textile products	126.9	126.2	132.5	0.7	-5.6
231	Men's & boys' suits & coats	15.0	14.6	15.3	0.4	-0.3
232	Men's & boys' furnishings	25.0	24.4	24.9	0.6	0.1
2321	Men's & boys' shirts & nightwear	8.7	8.7	9.2	0.0	-0.5
2327	Men's & boys' separate trousers	6.2	6.2	6.1	0.0	0.1
	Other furnishings and work clothing	10.1	9.5	9.6	0.6	0.5
233	Women's & misses' outerwear	57.5	57.8	61.6	-0.3	-4.1
234	Women's & children's undergarments	10.0	10.1	10.5	-0.1	-0.5
236	Children's outerwear	6.9	6.7	7.6	0.2	-0.7
	Other apparel & textile products	12.5	12.6	12.6	-0.1	-0.1
26	Paper & allied products	43.1	43.7	44.8	-0.6	-1.7
262	Paper mills exc. building paper	12.0	11.8	12.2	0.2	-0.2
265	Paper board containers & boxes	13.9	14.3	15.2	-0.4	-1.3
2653	Corrugated & solid fiber boxes	7.4	7.5	7.9	-0.1	-0.5
	Other paperboard containers	6.5	6.8	7.3	-0.3	-0.8
	Other paper & allied products	17.2	17.6	17.4	-0.4	-0.2
27	Printing & publishing	74.4	73.9	71.7	0.5	2.7
271	Newspapers	26.0	26.1	25.4	-0.1	0.6
273	Books	8.5	8.2	8.0	0.3	0.5
275	Commercial printing	21.5	21.2	20.6	0.3	0.9
2752	Lithographing	10.8	10.7	10.2	0.1	0.6
	Other commercial printing	10.7	10.5	10.4	0.2	0.3
276	Manifold business forms	3.7	3.8	3.7	-0.1	0.0
	Other printing & publishing	14.7	14.6	14.0	0.1	0.7
28	Chemicals & allied products	62.4	62.1	60.6	0.3	1.8
281	Industrial inorganic chemicals	11.4	11.2	10.7	0.2	0.7
282	Plastic materials & synthetics	8.7	8.7	8.7	0.0	0.0
283	Drugs	18.2	18.0	17.0	0.2	1.2
284	Soap, cleaners & toilet goods	3.2	3.2	3.2	0.0	0.0
285	Paints & allied products	4.4	4.4	4.4	0.0	0.0
	Other chemicals & allied products	16.5	16.6	16.6	-0.1	-0.1
29	Petroleum & coal products	16.8	14.7	17.2	2.1	-0.4
291	Petroleum refining	13.1	11.1	13.1	2.0	0.0
	Other petroleum & coal products	3.7	3.6	4.1	0.1	-0.4
30	Rubber & misc. plastics products	40.6	40.1	41.6	0.5	-1.0
301	Tires & inner tubes	6.8	6.3	8.1	0.5	-1.3
306	Fabricated rubber products, nec	5.3	5.3	5.3	0.0	0.0
	Other rubber & plastic products, nec	28.5	28.5	28.2	0.0	0.3
31	Leather & leather products	17.7	17.3	17.8	0.4	-0.1
314	Footwear, exc. rubber	14.0	13.5	13.9	0.5	0.1
3143	Men's footwear, exc. athletic	5.4	5.1	5.8	0.3	-0.4
3144	Women's footwear, exc. athletic	4.8	4.6	4.3	0.2	0.5
	Other footwear	3.8	3.8	3.8	0.0	0.0
	Other leather & leather products	3.7	3.8	3.9	-0.1	-0.2

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
TOTAL MANUFACTURING INDUSTRIES	$288.67	$286.03	$265.30	38.8	38.6	38.9	$7.44	$7.41	$6.82
TOTAL DURABLE GOODS	326.70	324.72	301.50	39.6	39.6	40.2	8.25	8.20	7.50
Lumber & wood products	215.34	214.45	194.78	38.8	38.5	38.8	5.55	5.57	5.02
Millwork, plywood & structural	222.48	211.31	205.54	39.1	37.4	39.3	5.69	5.65	5.23
Other lumber & wood products	212.46	216.06	189.53	38.7	39.0	38.6	5.49	5.54	4.91
Furniture & fixtures	239.16	237.07	207.86	39.4	38.8	38.0	6.07	6.11	5.47
Household furniture	215.60	209.76	187.75	39.2	38.0	37.4	5.50	5.52	5.02
Office furniture	246.35	251.74	228.73	37.9	38.2	38.9	6.50	6.59	5.88
Other furniture & fixtures	278.78	275.52	223.27	41.3	41.0	38.1	6.75	6.72	5.86
Stone, clay & glass products	304.00	309.96	293.99	40.0	41.0	41.7	7.60	7.56	7.05
Glass & glassware,pressed or blown	244.94	261.72	280.53	33.1	36.3	39.4	7.40	7.21	7.12
Glass containers	212.24	231.19	299.43	28.0	31.8	40.3	7.58	7.27	7.43
Other pressed or blown glass	279.51	292.13	256.32	38.5	40.8	38.2	7.26	7.16	6.71
Hydraulic cement	378.10	410.04	372.89	38.0	40.2	40.4	9.95	10.20	9.23
Structural clay products	269.17	266.23	264.58	39.7	39.5	41.6	6.78	6.74	6.36
Pottery & related products	289.91	286.12	264.55	42.2	42.2	41.4	6.87	6.78	6.39
Concrete, gypsum & plaster prods.	283.20	274.25	279.48	40.0	38.9	42.8	7.08	7.05	6.53
Other stone, clay & glass prods.	376.30	378.61	322.95	46.4	46.8	44.3	8.11	8.09	7.29
Primary metal industries	397.86	390.75	396.68	38.0	37.5	42.2	10.47	10.42	9.40
Blast furnace & basic steel prods.	426.61	415.58	436.45	37.0	36.2	43.0	11.53	11.48	10.15
Blast furnaces & steel mills	432.98	420.19	446.26	36.6	35.7	43.2	11.83	11.77	10.33
Other basic steel products	364.08	371.90	333.72	41.0	41.6	41.2	8.88	8.94	8.10
Iron & steel foundries	304.98	312.44	280.91	39.2	39.7	38.8	7.78	7.87	7.24
Gray iron foundries	299.05	304.76	285.42	39.4	40.1	40.2	7.59	7.60	7.10
Steel foundries, n.e.c.	305.73	309.57	283.87	38.7	38.6	37.9	7.90	8.02	7.49
Malleable iron & steel invest.	313.24	330.88	271.32	39.5	40.9	38.0	7.93	8.09	7.14
Nonferrous rolling & drawing	328.78	329.57	268.80	41.2	41.3	38.4	7.98	7.98	7.00
Nonferrous foundries	305.72	298.85	259.75	43.8	43.0	39.9	6.98	6.95	6.51
Other primary metal products	321.39	317.90	308.60	42.4	42.5	43.1	7.58	7.48	7.16
Fabricated metal prods., incl. ordn.	293.14	301.55	261.23	39.4	40.1	38.7	7.44	7.52	6.75
Metal cans & shipping containers	329.94	335.36	316.16	39.8	39.5	41.6	8.29	8.49	7.60
Cutlery, hand tools & hardware	246.85	243.81	215.27	40.6	40.1	37.7	6.08	6.08	5.71
Plumbing & heating exc. electrical	276.05	283.79	250.67	39.1	40.6	40.3	7.06	6.99	6.22
Fabricated structural metal prods.	284.79	288.29	252.83	38.8	39.6	38.6	7.34	7.28	6.55
Fabricated struct. metal	273.06	288.17	250.64	33.3	35.1	34.1	8.20	8.21	7.35
Fab. plate work (boiler shops)	287.83	296.12	267.15	39.7	40.9	40.6	7.25	7.24	6.58
Other fab. struct. metal prods.	288.81	282.36	243.97	41.2	41.1	39.8	7.01	6.87	6.13
Screw machine products, bolts,etc.	297.11	302.73	246.63	40.7	41.3	38.9	7.30	7.33	6.34
Metal forgings & stampings	333.14	366.96	310.07	37.6	39.8	39.2	8.86	9.22	7.91
Iron & steel forgings	318.06	313.59	290.56	41.2	41.1	40.3	7.72	7.63	7.21
Other metal forgings & stampings	338.88	386.12	316.61	36.4	39.4	38.8	9.31	9.80	8.16
Metal services & ordnance, n.e.c.	282.46	281.26	258.33	40.7	41.0	39.5	6.94	6.86	6.54
Misc. fabricated metal products	285.01	282.91	237.86	40.6	40.3	37.4	7.02	7.02	6.36
Valves & pipe fittings	287.20	293.63	244.72	40.0	40.5	38.0	7.18	7.25	6.44
Other misc. fab. metal products	282.90	274.69	232.73	41.0	40.1	37.0	6.90	6.85	6.29
Machinery, exc. electrical	331.14	330.22	286.63	41.6	41.8	40.2	7.96	7.90	7.13
Engines & turbines	365.94	357.86	260.59	42.7	42.4	36.6	8.57	8.44	7.12
Farm & garden machinery	453.25	439.21	358.21	49.0	50.6	45.4	9.25	8.68	7.89
Construction & related machinery	333.83	323.59	296.00	39.6	38.5	40.0	8.43	8.34	7.40
Construction machinery	341.10	325.01	307.53	37.9	36.6	40.2	9.00	8.88	7.65
Conveyors & conveying equipment	308.91	310.99	224.83	40.7	41.3	37.1	7.59	7.53	6.06
Other constr. & related mach.	331.30	325.22	295.47	40.8	40.3	40.2	8.12	8.07	7.35
Metal working machinery	318.79	321.60	292.79	39.7	40.1	39.3	8.03	8.02	7.45
Special industry machinery	318.59	318.52	260.44	41.7	41.8	38.3	7.64	7.62	6.80
General industrial machinery	345.64	348.20	297.93	44.2	44.3	42.2	7.82	7.86	7.06
Pumps & pumping equipment	320.00	334.94	274.91	40.1	41.3	39.9	7.98	8.11	6.89
Ball & roller bearings	304.52	330.96	290.69	39.6	42.0	41.0	7.69	7.88	7.09
Air & gas compressors	413.32	376.66	308.39	51.6	47.2	44.5	8.01	7.98	6.93
Industrial furnaces & ovens	299.92	311.60	290.48	38.5	40.0	40.4	7.79	7.79	7.19
Other general industrial mach.	353.08	355.55	302.74	45.5	45.7	42.7	7.76	7.78	7.09
Office and computing machines	364.68	368.51	346.46	41.3	42.9	43.8	8.83	8.59	7.91
Refrigeration & serv. ind. mach.	266.51	259.52	221.43	39.6	39.5	36.6	6.73	6.57	6.05
Misc. machinery, exc. electrical	314.67	317.90	275.26	41.9	42.5	40.9	7.51	7.48	6.73

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
Electric & electronic equipment	$284.92	$282.49	$250.63	40.3	39.9	39.1	$7.07	$7.08	$6.41
Electric distributing equipment	345.28	342.79	311.95	41.4	41.4	41.1	8.34	8.28	7.59
Transformers	327.27	324.30	301.56	39.1	39.5	42.0	8.37	8.21	7.18
Switchgear & switchbrd apparatus	353.60	351.94	317.05	42.5	42.3	40.7	8.32	8.32	7.79
Electrical industrial apparatus	276.67	275.66	263.34	39.3	39.1	39.6	7.04	7.05	6.65
Household appliances	256.70	234.18	247.41	38.2	34.9	37.6	6.72	6.71	6.58
Electric lighting & wiring equip.	290.44	287.58	219.04	42.4	41.8	37.7	6.85	6.88	5.81
Current-carrying wiring devices	325.78	324.35	231.47	45.5	45.3	39.1	7.16	7.16	5.92
Other elect lght & wirng equip.	264.66	263.47	211.23	40.1	39.5	36.8	6.60	6.67	5.74
Communication equipment	314.47	322.82	281.46	41.0	41.6	39.2	7.67	7.76	7.18
Electronic components & access.	280.13	275.81	239.60	41.5	40.8	40.0	6.75	6.76	5.99
Semiconductors & related devices	350.20	356.58	292.73	42.5	42.5	40.1	8.24	8.39	7.30
Other electronic comp.& access.	244.77	235.60	215.86	41.0	40.0	39.9	5.97	5.89	5.41
Other electrical equip. & supplies	218.79	223.98	209.57	33.2	34.3	35.4	6.59	6.53	5.92
Transportation equipment	358.80	351.12	311.65	40.0	39.9	39.4	8.97	8.80	7.91
Motor vehicles & equipment	362.50	355.16	324.69	38.4	38.9	38.7	9.44	9.13	8.39
Motor vehicle parts & access.	361.37	364.43	342.23	37.8	38.2	40.5	9.56	9.54	8.45
Other motor vehicles & equip.	363.17	347.90	310.25	38.8	39.4	37.2	9.36	8.83	8.34
Aircraft & parts	373.47	358.18	303.75	42.2	41.6	40.5	8.85	8.61	7.50
Ship & boat building & repairing	358.68	344.16	287.10	39.2	38.8	39.6	9.15	8.87	7.25
Railroad equipment	364.31	368.68	314.11	39.3	39.6	38.4	9.27	9.31	8.18
Other transportation equipment	323.30	295.67	292.13	45.6	43.1	44.6	7.09	6.86	6.55
Instruments & related products	269.79	270.36	239.90	39.7	39.5	39.2	6.81	6.83	6.12
Measuring & controlling devices	293.64	293.87	254.48	41.3	41.1	39.7	7.11	7.15	6.41
Medical instruments & supplies	229.42	229.59	215.99	36.3	36.5	38.5	6.32	6.29	5.61
Other instruments & related prods.	258.19	251.55	230.06	39.6	38.7	38.6	6.52	6.50	5.96
Misc. manufacturing industries	267.70	266.66	244.05	39.6	39.8	38.8	6.76	6.70	6.29
TOTAL NONDURABLE GOODS	229.64	225.94	209.59	37.4	37.1	36.9	6.14	6.09	5.68
Food & kindred products	264.03	259.62	242.09	39.0	39.1	39.3	6.77	6.64	6.16
Meat products	252.95	267.45	257.71	38.5	40.4	41.7	6.57	6.62	6.18
Meat packing plants	290.94	287.64	297.73	37.3	37.6	42.9	7.80	7.65	6.94
Sausages & other prepared meats	260.75	301.84	274.17	34.4	38.5	39.0	7.58	7.84	7.03
Poultry dressing & processing	214.00	221.61	203.86	42.8	44.5	43.1	5.00	4.98	4.73
Dairy products	290.49	285.38	265.44	42.1	41.6	42.2	6.90	6.86	6.29
Fluid milk	310.87	286.06	263.55	43.6	41.1	41.9	7.13	6.96	6.29
Other dairy products	275.93	284.08	266.70	41.0	41.9	42.4	6.73	6.78	6.29
Preserved fruits & vegetables	222.16	215.99	190.43	36.6	35.7	35.2	6.07	6.05	5.41
Canned fruits & vegetables	186.37	173.22	161.27	36.4	34.3	35.6	5.12	5.05	4.53
Other preserved fruits & vegs.	250.66	251.29	21.359	36.7	36.9	34.9	6.83	6.81	6.12
Grain mill products	298.87	311.42	254.41	41.8	43.8	38.2	7.15	7.11	6.66
Bakery products	252.85	234.85	228.65	38.9	38.5	38.3	6.50	6.10	5.97
Bread, cake & related products	254.76	256.47	222.75	38.6	38.8	37.5	6.60	6.61	5.94
Cookies & crackers	248.61	171.08	243.01	39.4	37.6	40.3	6.31	4.55	6.03
Sugar & confectionery products	269.38	255.14	246.62	36.6	36.5	38.0	7.36	6.99	6.49
Confectionery products	222.53	210.63	214.26	34.5	34.7	36.5	6.45	6.07	5.87
Chocolate & cocoa products	298.58	282.98	258.72	39.6	38.5	39.2	7.54	7.34	6.60
Other sugar products	313.41	298.00	297.97	35.9	36.7	38.9	8.73	7.12	7.66
Beverages	341.96	331.70	311.83	41.5	40.5	42.6	8.24	8.19	7.32
Other food & kindred products	242.90	237.10	228.11	41.1	40.6	41.4	5.91	5.84	5.51
Tobacco manufacturers	165.89	157.47	139.12	38.4	36.2	37.6	4.32	4.35	3.70
Textile mill products	186.24	186.25	173.38	37.7	37.4	37.9	4.94	4.98	4.58
Weaving mills, snythetics	201.50	202.31	208.77	40.3	40.3	44.8	5.00	5.02	4.66
Knitting mills	179.41	172.68	160.37	37.3	35.9	36.2	4.81	4.81	4.43
Knit outerwear mills	179.65	169.09	157.71	37.9	35.3	35.6	4.74	4.79	4.43
Knit underwear mills	155.21	153.18	147.78	34.8	34.5	36.4	4.46	4.44	4.06
Other knitting mills	196.08	192.91	175.50	38.0	37.9	37.5	5.16	5.09	4.68
Floor covering mills	219.73	244.41	213.55	36.2	40.6	39.4	6.07	6.02	5.42
Yarn & thread mills	168.50	181.44	160.48	35.7	37.8	38.3	4.72	4.80	4.19
Other textile mill products	194.89	196.35	186.24	38.9	38.5	38.4	5.01	5.10	4.85

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
Industry Detail
(concl.)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
Apparel & other textile products	$151.26	$147.23	$137.03	32.6	31.8	31.5	$4.64	$4.63	$4.35
Men's & boys' suits & coats	204.20	195.84	174.77	36.4	34.6	33.1	5.61	5.66	5.28
Men's & boys' furnishings	155.05	150.23	144.58	35.4	34.3	34.1	4.38	4.38	4.24
Men's & boys' shirts & nightwear	152.95	147.50	141.62	35.0	33.6	33.8	4.37	4.39	4.19
Men's & boys' separate trousers	171.84	165.83	145.04	34.3	33.1	30.6	5.01	5.01	4.74
Other furnishings & wrk. clothng	145.93	142.80	147.90	36.3	35.7	36.7	4.02	4.00	4.03
Women's & misses' outerwear	142.13	140.13	128.63	30.5	30.2	29.3	4.66	4.64	4.39
Women's & children's undergarments	127.83	127.20	130.00	32.2	31.8	34.3	3.97	4.00	3.79
Children's outerwear	135.83	123.85	124.50	28.9	27.1	31.6	4.70	4.57	3.94
Other apparel & textile products	150.86	145.62	131.46	34.6	33.4	32.3	4.36	4.36	4.07
Paper & allied products	309.81	300.08	283.96	44.9	44.0	44.3	6.90	6.82	6.41
Paper mills exc. building paper	411.66	399.23	371.51	49.3	48.1	48.5	8.35	8.30	7.66
Paper board containers & boxes	288.64	276.51	257.86	41.0	39.9	40.8	7.04	6.93	6.32
Corrugated & solid fiber boxes	289.35	277.59	257.42	39.8	38.5	37.8	7.27	7.21	6.81
Other paperboard containers	287.64	275.98	258.27	42.3	41.5	43.7	6.80	6.65	5.91
Other paper & allied products	272.83	269.99	260.93	45.7	45.3	45.3	5.97	5.96	5.76
Printing & publishing	270.09	276.32	245.70	36.4	36.6	35.1	7.42	7.55	7.00
Newspapers	289.16	289.62	264.19	32.6	32.8	32.9	8.87	8.83	8.03
Books	205.45	215.99	199.66	35.3	35.7	35.4	5.82	6.05	5.64
Commercial printing	289.86	302.23	266.79	38.7	39.2	36.9	7.49	7.71	7.23
Lithographing	271.78	298.19	253.45	37.8	39.6	35.9	7.19	7.53	7.06
Other commercial printing	306.92	306.52	280.08	39.5	38.8	37.9	7.77	7.90	7.39
Manifold business forms	293.44	285.38	232.69	39.6	39.2	33.1	7.41	7.28	7.03
Other printing & publishing	258.37	259.18	230.69	36.7	36.3	34.9	7.04	7.14	6.61
Chemicals & allied products	311.67	312.83	293.09	41.5	41.6	42.6	7.51	7.52	6.88
Industrial inorganic chemicals	335.72	333.27	313.40	44.0	44.2	44.9	7.63	7.54	6.98
Plastic materials & synthetics	307.97	315.29	299.38	40.1	41.0	43.2	7.68	7.69	6.93
Drugs	302.25	306.91	278.78	38.8	38.8	39.6	7.79	7.91	7.04
Soap, cleaners & toilet goods	288.16	284.03	269.51	44.4	43.9	44.4	6.49	6.47	6.07
Paints & allied products	253.96	268.98	258.86	34.6	36.3	39.4	7.34	7.41	6.57
Other chemicals & allied products	325.46	321.47	303.16	44.1	43.5	44.0	7.38	7.39	6.89
Petroleum & coal products	437.14	427.49	391.78	42.4	43.4	43.1	10.31	9.85	9.09
Petroleum refining	456.04	444.16	414.19	41.8	42.1	43.1	10.91	10.55	9.61
Other petroleum & coal products	361.26	375.23	314.06	44.6	47.8	43.2	8.10	7.85	7.27
Rubber & misc. plastics products	233.22	231.25	214.32	39.0	38.8	38.0	5.98	5.96	5.64
Tires & inner tubes	325.75	345.65	313.81	39.2	41.1	41.4	8.31	8.41	7.58
Fabricated rubber products, nec	274.55	274.39	242.00	41.1	41.7	40.4	6.68	6.58	5.99
Other rubber & plastic prods., nec	206.66	202.01	183.13	38.7	37.9	36.7	5.34	5.33	4.99
Leather & leather products	172.66	170.04	150.88	38.8	39.0	36.8	4.45	4.36	4.10
Footwear, exc. rubber	158.25	157.54	136.54	37.5	37.6	35.1	4.22	4.19	3.89
Men's footwear, exc. athletic	180.84	176.48	156.78	41.1	40.2	40.2	4.40	4.39	3.90
Women's footwear, exc. athletic	153.71	149.95	120.36	37.4	37.3	31.1	4.11	4.02	3.87
Other footwear	131.46	140.70	128.64	32.3	34.4	32.9	4.07	4.09	3.91
Other leather & leather products	225.85	213.69	196.19	43.6	43.7	42.1	5.18	4.89	4.66
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	343.44	367.88	310.24	42.4	46.1	41.2	8.10	7.98	7.53
Bituminous coal & lignite mining	367.40	374.72	366.18	32.2	34.6	34.0	11.41	10.83	10.77
Nonmetallic minerals, exc. fuels	351.72	331.34	312.23	45.5	43.2	44.1	7.73	7.67	7.08
Communication	341.73	344.44	331.69	39.1	39.5	41.0	8.74	8.72	8.09
Electric, gas, & sanitary services	395.61	398.72	378.79	44.5	44.8	44.2	8.89	8.90	8.57
Electric services	411.11	416.98	395.64	47.2	47.6	47.1	8.71	8.76	8.40
Gas production & distribution	346.51	344.35	319.06	41.9	42.2	40.8	8.27	8.16	7.82
General merchandise stores	131.54	129.06	122.55	26.9	26.5	26.7	4.89	4.87	4.59
Banking	180.74	180.44	163.59	INA	INA	INA	INA	INA	INA
Insurance carriers	219.23	217.64	201.90	INA	INA	INA	INA	INA	INA
Life insurance	203.82	203.16	188.37	INA	INA	INA	INA	INA	INA
Fire, marine & casualty insurance	217.30	215.63	204.86	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$167.23	40.2	$4.16	$187.17	41.5	$4.51	$139.03	38.3	$3.63	$212.38	41.4	$5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1979 Apr.	265.30	38.9	6.82	301.50	40.2	7.50	209.59	36.9	5.68	396.68	42.2	9.40
May	273.14	39.7	6.88	311.54	41.1	7.58	215.27	37.7	5.71	387.39	41.3	9.38
Jun.	278.29	40.1	6.94	316.30	41.4	7.64	218.12	38.0	5.74	397.00	42.1	9.43
Jul.	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug.	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep.	285.51	40.1	7.12	323.42	41.2	7.85	225.00	38.2	5.89	407.12	41.5	9.81
Oct.	284.57	39.8	7.15	323.05	41.1	7.86	224.37	37.9	5.92	397.39	40.8	9.74
Nov.	294.19	40.3	7.30	334.88	41.6	8.05	230.78	38.4	6.01	425.60	41.2	10.33
Dec.	291.34	39.8	7.32	329.65	40.9	8.06	231.87	38.2	6.07	408.35	39.8	10.26
1980 Jan.	285.38	39.2	7.28	322.81	40.2	8.03	227.10	37.6	6.04	386.32	37.8	10.22
Feb.	286.26	39.0	7.34	324.80	40.0	8.12	227.10	37.6	6.04	393.02	37.9	10.37
Mar.	286.03	38.6	7.41	324.72	39.6	8.20	225.94	37.1	6.09	390.75	37.5	10.42
Apr.	288.67	38.8	7.44	326.70	39.6	8.25	229.64	37.4	6.14	397.86	38.0	10.47

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$182.68	41.9	$4.36	$198.77	43.4	$4.58	$167.69	40.8	$4.11	$197.69	41.1	$4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1979 Apr.	261.23	38.7	6.75	286.63	40.2	7.13	250.63	39.1	6.41	311.65	39.4	7.91
May	288.23	41.0	7.03	303.47	41.8	7.26	261.55	40.3	6.49	333.33	41.0	8.13
Jun.	288.36	40.5	7.12	309.33	42.2	7.33	264.31	40.6	6.51	334.15	41.0	8.15
Jul.	282.80	40.0	7.07	303.99	41.7	7.29	259.24	39.7	6.53	334.55	40.7	8.22
Aug.	283.60	40.0	7.09	312.28	42.2	7.40	257.90	39.8	6.48	341.04	40.6	8.40
Sep.	286.80	40.0	7.17	318.33	42.5	7.49	271.62	40.3	6.74	350.26	41.5	8.44
Oct.	292.66	40.2	7.28	321.73	42.5	7.57	273.91	40.4	6.78	355.28	41.7	8.52
Nov.	299.30	41.0	7.30	329.84	43.4	7.60	283.73	41.3	6.87	349.76	41.1	8.51
Dec.	304.79	41.3	7.38	327.76	42.9	7.64	280.95	40.6	6.92	349.61	40.7	8.59
1980 Jan.	295.38	40.6	7.30	329.80	42.5	7.76	281.48	40.5	6.95	353.87	41.1	8.61
Feb.	298.56	40.4	7.39	329.33	41.9	7.86	285.31	40.7	7.01	349.74	40.2	8.70
Mar.	301.55	40.1	7.52	330.22	41.8	7.90	282.49	39.9	7.08	351.12	39.9	8.80
Apr.	293.14	39.4	7.44	331.14	41.6	7.96	284.92	40.3	7.07	358.80	40.0	8.97

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$158.36	40.5	$3.91	$120.43	39.1	$3.08	$ 99.71	33.8	$2.95	$180.81	38.8	$4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1979 Apr.	242.09	39.3	6.16	173.58	37.9	4.58	137.03	31.5	4.35	245.70	35.1	7.00
May	248.00	40.0	6.20	180.11	38.9	4.63	139.54	32.3	4.32	254.54	35.8	7.11
Jun.	248.58	39.9	6.23	182.82	39.4	4.64	143.77	32.9	4.37	256.68	36.0	7.13
Jul.	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug.	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep.	256.14	40.4	6.34	181.93	38.3	4.75	146.17	32.7	4.47	268.93	37.3	7.21
Oct.	248.77	39.3	6.33	185.85	38.8	4.79	148.98	32.6	4.57	265.70	36.8	7.22
Nov.	261.06	40.6	6.43	188.37	39.0	4.83	149.77	32.7	4.58	276.77	37.3	7.42
Dec.	266.18	40.7	6.54	186.73	38.5	4.85	147.23	31.8	4.63	291.39	38.8	7.51
1980 Jan.	259.24	39.7	6.53	191.12	38.5	4.99	149.12	32.0	4.66	274.91	37.0	7.43
Feb.	260.95	39.3	6.64	185.71	37.9	4.90	152.06	32.7	4.65	271.50	36.2	7.50
Mar.	259.82	39.1	6.64	186.25	37.4	4.98	147.23	31.8	4.63	276.33	36.4	7.55
Apr.	264.03	39.0	6.77	186.24	37.7	4.94	151.26	32.6	4.64	270.09	36.6	7.42

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA
(1967 = 100)
Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1969	$127.52	40.1	$3.18	112.7	109.8	$116.14	$ 11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18

Real Earnings are computed by adjusting current earnings for changes in
The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS
(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
MANUFACTURING	984.2	988.8	994.2	38,158.5	38,208.0	38,687.5	283,902.4	283,210.1	263,809.6
DURABLE GOODS	594.4	604.3	602.6	23,564.3	23,931.3	24,223.9	194,333.7	196,227.7	181,635.2
NONDUR. GOODS	389.8	384.5	391.6	14,594.2	14,276.7	14,463.6	89,568.7	86,982.4	82,174.4

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,369.2	828.0	21.9	20.2	63.8	199.2	112.5	137.8
1979	1,389.8	853.9	22.5	20.4	65.0	203.2	116.0	142.5
1979 Apr.	1,389.5	852.0	22.8	20.3	64.3	201.6	116.0	143.6
May	1,392.2	855.2	22.9	20.2	65.0	202.5	115.9	143.4
Jun.	1,409.8	866.4	23.2	20.3	67.1	207.1	116.6	144.6
Jul.	1,397.1	861.9	22.9	19.7	67.0	206.8	114.7	142.9
Aug.	1,340.4	852.0	23.1	20.5	66.4	207.1	116.1	141.1
Sep.	1,398.0	861.5	23.0	20.8	65.6	204.7	116.0	143.2
Oct.	1,394.6	860.0	22.8	20.9	65.0	202.5	116.3	144.0
Nov.	1,390.2	857.2	22.2	20.8	64.5	201.9	116.2	142.5
Dec.	1,383.7	853.0	21.7	20.3	64.6	200.7	116.6	143.4
1980 Jan.	1,374.3	846.9	22.3	20.3	62.7	198.7	115.9	146.7
Feb.	1,372.0	845.8	22.7	20.0	62.0	197.3	115.8	146.7
Mar.	1,372.2	846.8	22.7	20.0	62.4	197.4	116.6	146.3
Apr.	1,366.8	837.2	22.4	19.8	61.8	197.3	114.6	146.3

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.6	541.2	99.7	4.0	50.6
1979	127.1	87.8	42.9	26.6	536.0	100.1	3.6	48.4
1979 Apr.	127.0	86.9	43.0	26.5	537.5	98.7	3.7	48.9
May	128.8	87.1	43.1	26.3	537.0	98.0	3.7	48.6
Jun.	128.3	88.4	43.7	27.1	543.4	99.6	3.7	49.1
Jul.	129.1	88.5	43.4	26.9	535.2	99.9	3.6	47.6
Aug.	119.4	87.5	43.4	27.4	538.4	101.7	3.5	48.4
Sep.	128.9	89.4	42.8	27.1	536.5	102.2	3.4	48.2
Oct.	128.4	90.1	42.7	27.3	534.6	102.2	3.3	48.0
Nov.	129.2	90.4	42.8	26.7	533.0	101.4	3.3	48.1
Dec.	128.9	88.1	42.8	25.9	530.7	102.1	3.2	47.5
1980 Jan.	129.2	83.3	43.1	24.7	527.4	99.3	3.3	46.7
Feb.	127.1	86.5	43.0	24.7	526.2	97.7	3.2	47.1
Mar.	126.7	86.8	43.2	24.7	525.4	96.8	3.2	47.4
Apr.	125.1	82.7	42.8	24.4	529.6	97.1	3.2	47.4

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)
Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	135.2	61.0	44.4	71.1	59.9	17.3	39.9	19.2
1979	128.8	58.9	44.8	72.1	61.0	17.4	42.0	17.8
1979 Apr.	132.5	61.6	44.8	71.7	60.6	17.2	41.6	17.8
May	131.5	60.5	44.5	72.0	60.9	17.6	42.2	18.0
Jun.	132.3	61.0	45.0	72.3	61.9	18.2	42.9	18.4
Jul.	127.1	57.9	45.1	72.2	62.0	18.1	42.6	17.0
Aug.	126.6	56.6	46.1	71.8	61.9	18.2	42.4	17.8
Sep.	126.5	57.0	45.4	71.7	61.2	17.9	42.4	17.6
Oct.	125.6	56.9	44.6	72.0	61.2	17.7	42.5	17.5
Nov.	124.6	56.5	44.2	72.8	61.1	17.8	42.3	17.4
Dec.	122.5	54.3	43.8	73.5	61.5	17.1	42.0	17.5
1980 Jan.	123.7	55.9	43.7	73.3	61.0	16.8	41.9	17.7
Feb.	126.0	57.6	43.5	73.4	61.1	15.7	41.1	17.4
Mar.	126.2	57.8	43.7	73.9	62.1	14.7	40.1	17.3
Apr.	126.9	57.5	43.1	74.4	62.4	16.8	40.6	17.7

TABLE 12. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)
1967 = 100

Industry Group	1980		1979	1978	ANNUAL AVERAGE	
	Apr.	Mar.	Apr.	Apr.	1979	1978
EMPLOYMENT						
All Manufacturing	87.8	88.1	89.2	87.1	89.3	87.9
Primary Metals	77.0	77.0	78.7	76.0	79.3	77.7
Apparel	70.7	70.3	73.8	75.4	71.7	75.3
All Nonmanufacturing	131.7	130.3	131.4	128.1	131.8	128.5
Construction	107.8	99.6	109.0	104.6	113.4	109.6
Retail Trade	126.5	125.6	130.6	130.0	130.9	131.0
Services	162.1	159.1	155.4	146.8	157.1	148.1
Government	128.4	128.5	129.8	130.1	127.4	127.8

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN – BETHLEHEM – EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

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TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES MAJOR LABOR MARKET AREAS

(Per 100 Employees)

MARCH 1980

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
PENNSYLVANIA	1,372.2	2.7	2.8	3.1	1.5	1.4	1.8	1.0	1.2	1.0
ALLENTOWN-BETHLEHEM-EASTON	111.3	2.2	2.4	2.1	1.3	1.3	1.5	0.6	0.9	0.5
ALTOONA	13.4	3.6	1.4	2.1	2.1	0.7	1.4	1.3	0.6	0.7
ERIE	42.9	2.4	1.9	2.9	1.4	1.0	1.3	0.6	0.5	1.1
HARRISBURG	43.5	2.7	2.4	3.3	1.9	1.4	2.5	0.6	0.8	0.6
JOHNSTOWN	19.6	1.9	2.1	1.7	0.4	0.5	0.7	1.2	1.5	1.0
LANCASTER	59.6	2.3	2.7	3.4	1.8	2.0	2.4	0.4	0.5	0.9
NORTHEAST	74.8	3.0	4.0	3.9	1.9	2.0	2.3	1.0	1.7	1.5
SCRANTON	28.7	3.2	3.6	3.5	2.0	1.7	2.3	1.1	1.7	1.1
WILKES-BARRE-HAZLETON	40.9	3.5	4.0	3.3	1.9	1.7	1.9	1.4	1.9	1.1
PHILADELPHIA	448.1	2.8	2.7	2.8	1.8	1.6	1.9	0.8	0.9	0.7
PITTSBURGH	249.8	2.2	2.6	2.2	0.7	0.7	1.1	1.2	1.6	0.7
READING	53.2	2.3	2.2	2.8	1.5	1.5	2.1	0.7	0.6	0.7
WILLIAMSPORT	16.8	1.4	1.5	3.1	0.8	0.7	1.8	0.3	0.7	0.9
YORK	66.5	2.8	3.4	3.5	1.9	2.3	2.8	0.7	1.0	0.6

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
PENNSYLVANIA	1,372.2	3.0	3.0	2.9	0.9	0.9	1.1	1.4	1.4	1.0
ALLENTOWN-BETHLEHEM-EASTON	111.3	2.3	2.0	2.6	0.8	0.8	1.0	0.9	0.7	1.0
ALTOONA	13.4	4.7	2.6	1.7	0.9	0.5	0.6	2.7	1.9	0.8
ERIE	42.9	2.8	2.9	2.5	0.8	0.6	0.9	1.0	1.2	0.9
HARRISBURG	43.5	2.9	3.1	2.6	1.3	1.1	1.6	0.9	1.2	0.2
JOHNSTOWN	19.6	4.4	2.7	1.8	0.4	0.4	0.7	2.5	1.3	0.7
LANCASTER	59.6	3.0	3.2	3.1	1.5	1.5	1.8	1.0	1.3	0.9
NORTHEAST	74.8	2.7	3.0	3.9	1.0	1.0	1.2	1.3	1.4	2.1
SCRANTON	28.7	3.0	2.7	3.2	1.0	0.9	1.4	1.8	1.4	1.4
WILKES-BARRE-HAZLETON	40.9	2.9	3.5	3.5	1.1	1.0	0.9	1.2	1.8	2.0
PHILADELPHIA	448.1	3.1	2.9	2.5	1.0	0.9	1.1	1.3	1.1	0.7
PITTSBURGH	249.8	2.7	2.5	2.0	0.4	0.4	0.5	1.4	1.3	0.8
READING	53.2	3.5	3.7	3.5	1.0	1.1	1.5	1.8	2.0	1.3
WILLIAMSPORT	16.8	4.5	1.4	2.7	0.5	0.5	1.1	3.6	0.5	1.1
YORK	66.5	2.8	3.4	3.3	1.2	1.6	2.1	1.1	1.3	0.5

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
PENNSYLVANIA	$288.67	$286.03	$265.30	38.8	38.6	38.9	$7.44	$7.41	$6.82
ALLENTOWN-BETHLEHEM-EASTON	295.30	288.77	261.96	38.5	37.6	37.0	7.67	7.68	7.08
ALTOONA	249.45	256.74	232.46	38.2	38.9	39.4	6.53	6.60	5.90
ERIE	304.84	308.43	264.27	40.7	41.4	39.8	7.49	7.45	6.64
HARRISBURG	284.31	283.50	256.00	40.5	40.5	40.0	7.02	7.00	6.40
JOHNSTOWN	309.04	306.08	295.40	37.1	37.1	40.3	8.33	8.25	7.33
LANCASTER	257.65	258.24	230.30	39.7	40.1	39.1	6.49	6.44	5.89
NORTHEAST	206.96	202.63	182.34	36.5	35.8	35.2	5.67	5.66	5.18
SCRANTON	202.36	195.56	185.80	36.2	35.3	35.8	5.59	5.54	5.19
WILKES-BARRE-HAZLETON	208.42	206.49	179.05	36.5	36.1	34.7	5.71	5.72	5.16
PHILADELPHIA	294.32	294.57	266.08	39.4	39.7	38.9	7.47	7.42	6.84
PITTSBURGH	363.09	358.49	339.80	39.9	39.7	40.5	9.10	9.03	8.39
READING	269.60	269.79	224.85	39.3	39.1	36.8	6.86	6.90	6.11
WILLIAMSPORT	258.80	264.65	227.84	38.8	38.3	38.1	6.67	6.91	5.98
YORK	267.19	261.89	236.41	40.3	39.5	39.8	6.63	6.63	5.94

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	Apr. 1980		Mar. 1980		Apr. 1979	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	6.6	7.0	6.6	6.2	6.6	7.0
PENNSYLVANIA	7.3	7.7	7.8	6.8	6.2	6.6
ALLENTOWN-BETH-EASTON	5.8	6.1	6.4	5.6	5.4	5.7
ALTOONA	8.5	8.8	9.9	8.6	8.1	8.2
ERIE	8.4	8.6	8.8	7.8	6.7	6.9
HARRISBURG	5.5	6.0	5.8	5.0	4.3	4.7
JOHNSTOWN	10.8	12.2	12.0	10.3	7.5	8.5
LANCASTER	4.9	5.1	5.0	4.3	4.0	4.1
NORTHEAST	9.2	9.8	9.9	8.7	7.6	8.1
SCRANTON	8.2	8.2	9.0	8.0	7.3	7.3
W BARRE-HAZLETON	9.8	10.6	10.4	9.3	7.7	8.3
PHILADELPHIA	6.3	6.7	6.8	6.3	6.3	6.7
PITTSBURGH	6.4	6.8	7.0	6.0	5.4	5.7
POTTSVILLE	9.9	-	10.3	-	7.3	-
READING	7.3	7.0	8.0	7.1	4.8	4.6
UNIONTOWN-CONNELLSVLE	12.0	-	11.5	-	8.4	-
WILLIAMSPORT	15.2	15.2	12.6	10.4	7.8	7.9
YORK	6.1	6.5	6.5	5.8	4.0	4.2

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
UNITED STATES	103,412.0	103,351.0	101,236.0	96,566.0	96,546.0	95,675.0	6,846.0	6,805.0	5,561.0
PENNSYLVANIA	5,321.0	5,357.0	5,179.0	4,933.0	4,942.0	4,860.0	388.0	416.0	320.0
ALLENTOWN-BETH-EASTON	297.5	299.8	290.2	280.1	280.8	274.4	17.3	19.1	15.8
ALTOONA	59.4	60.4	56.5	54.4	54.4	51.9	5.1	6.0	4.5
ERIE	126.7	127.4	122.8	116.0	116.1	114.6	10.6	11.3	8.3
HARRISBURG	217.6	218.4	212.7	205.7	205.8	203.5	11.9	12.6	9.1
JOHNSTOWN	109.9	111.7	106.1	98.0	98.3	98.1	11.9	13.5	8.0
LANCASTER	176.4	176.8	172.8	167.8	168.0	165.9	8.6	8.8	6.9
NORTHEAST	284.3	287.3	276.3	258.0	258.8	255.3	26.3	28.5	21.0
SCRANTON	103.7	104.9	101.6	95.2	95.5	94.2	8.5	9.4	7.4
W BARRE-HAZLETON	153.6	155.1	148.5	138.5	138.9	137.0	15.1	16.2	11.4
PHILADELPHIA	2,127.3	2,139.7	2,075.7	1,992.9	1,994.9	1,945.0	134.4	144.8	130.7
PITTSBURGH	1,004.3	1,012.8	982.5	940.1	942.4	929.9	64.2	70.4	52.6
POTTSVILLE	66.4	66.8	65.5	59.8	59.9	60.7	6.6	6.9	4.8
READING	153.4	155.3	146.6	142.3	142.8	139.6	11.1	12.5	7.0
UNIONTOWN-CONNELLSVLE	58.9	58.4	58.1	51.8	51.7	53.3	7.1	6.7	4.9
WILLIAMSPORT	52.7	53.5	51.5	44.6	46.7	47.5	8.0	6.8	4.0
YORK	171.7	173.4	167.4	161.1	162.1	160.8	10.5	11.2	6.6

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	Nonagricultural Wage and Salary			Private Sector *		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
UNITED STATES	90,111.0	89,942.0	88,820.0	73,923.0	73,799.0	72,995.0
PENNSYLVANIA	4,809.5	4,778.6	4,828.3	4,077.2	4,044.1	4,082.9
ALLENTOWN-BETHLEHEM-EASTON	264.2	262.9	262.5	234.6	233.6	232.5
ALTOONA	54.0	53.7	52.4	46.0	45.8	44.8
ERIE	116.9	116.1	117.4	102.0	101.9	102.8
HARRISBURG	216.4	215.4	218.0	160.5	159.6	161.3
JOHNSTOWN	89.1	88.8	90.8	74.1	74.1	75.5
LANCASTER	152.4	151.8	153.6	137.1	136.6	138.1
NORTHEAST	243.8	242.7	245.1	202.9	202.1	205.7
SCRANTON	87.5	86.7	86.3	75.2	74.5	74.4
WILKES-BARRE-HAZLETON	126.7	126.9	130.8	106.1	106.4	110.7
PHILADELPHIA	1,946.2	1,932.5	1,924.8	1,638.4	1,621.7	1,619.8
PITTSBURGH	948.8	944.2	953.6	817.6	814.2	826.8
POTTSVILLE	48.2	47.9	49.6	39.1	39.1	41.1
READING	139.3	138.8	138.8	121.6	121.2	121.5
UNIONTOWN-CONNELLSVILLE	35.6	35.3	37.1	28.3	28.1	30.0
WILLIAMSPORT	44.9	46.8	48.7	38.5	40.5	42.1
YORK	155.4	155.4	157.7	136.2	136.5	136.8

Area	Manufacturing			Nonmanufacturing		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
UNITED STATES	20,462.0	20,711.0	20,907.0	64,230.0	63,933.0	62,568.0
PENNSYLVANIA	1,366.8	1,372.2	1,389.5	3,438.7	3,401.0	3,429.9
ALLENTOWN-BETHLEHEM-EASTON	111.4	111.3	110.2	152.8	151.6	152.1
ALTOONA	13.4	13.4	12.7	40.6	40.3	39.7
ERIE	42.4	42.9	44.8	74.2	73.2	72.6
HARRISBURG	42.9	43.5	43.1	173.4	171.7	174.6
JOHNSTOWN	19.3	19.6	20.1	69.8	69.2	70.6
LANCASTER	59.4	59.6	60.6	93.0	92.2	93.0
NORTHEAST	74.9	74.8	74.4	168.3	167.5	170.7
SCRANTON	28.9	28.7	27.7	58.1	57.6	58.6
WILKES-BARRE-HAZLETON	40.7	40.9	42.0	85.9	86.0	88.8
PHILADELPHIA	451.4	448.1	453.7	1,493.9	1,479.2	1,468.3
PITTSBURGH	248.9	249.8	250.5	698.5	693.5	702.1
POTTSVILLE	20.0	20.0	21.5	28.2	27.9	28.1
READING	53.2	53.2	54.2	86.1	85.6	84.1
UNIONTOWN-CONNELLSVILLE	7.6	7.5	8.2	28.0	27.8	28.9
WILLIAMSPORT	14.8	16.8	18.5	30.1	30.0	30.2
YORK	66.2	66.5	65.4	89.2	88.9	90.5

* Excludes Government employment

TABLE 17. LABOR TURNOVER RATES IN PENNSYLVANIA
NONDURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	Nondurable Goods						Food & Kindred						Textiles						Apparel					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.2	2.7		4.9	2.1	2.1	5.2	3.3		5.8	2.6	2.5	4.5	3.6		5.5	3.1	1.7	5.2	2.5		6.6	2.1	3.8
1975	4.1	1.8		4.4	1.3	2.5	4.6	2.3		4.9	1.5	2.7	4.5	2.3		5.1	1.6	2.8	5.6	2.3		5.6	1.5	3.5
1976	3.9	2.2	1.4	4.1	1.4	2.0	4.6	2.3	2.0	4.9	1.4	2.8	4.5	3.0	1.2	4.8	2.2	1.9	4.8	2.5	2.0	5.5	1.7	2.9
1977	3.9	2.3	1.4	3.9	1.5	1.8	4.9	2.4	2.2	5.0	1.6	2.8	4.3	3.0	1.1	4.6	2.2	1.8	5.1	2.6	2.2	5.1	1.8	2.6
1978	3.6	2.4	1.0	3.6	1.7	1.3	4.1	2.5	1.4	4.3	1.8	1.9	4.5	3.5	0.8	4.2	2.6	0.9	4.3	2.7	1.3	4.6	2.0	1.8
1979	3.8	2.4	1.2	3.8	1.7	1.5	4.3	4.1	1.4	4.4	1.9	1.8	3.9	2.8	0.9	4.4	2.5	1.2	5.0	2.5	2.2	5.3	1.9	2.6
Mar.	3.8	2.3	1.3	3.7	1.6	1.3	3.5	2.0	1.4	3.5	1.5	1.4	3.6	2.5	0.9	3.9	2.3	0.9	4.8	2.8	1.8	5.4	2.0	2.4
Apr.	3.6	2.1	1.1	3.5	1.5	1.3	4.3	2.5	1.6	4.1	1.6	2.0	3.6	2.6	0.8	4.1	2.4	1.1	4.3	2.2	1.7	4.5	1.8	1.8
May	4.1	2.7	1.1	3.7	1.7	1.4	5.0	3.4	1.3	4.7	1.9	2.1	4.1	3.3	0.6	4.0	2.6	0.9	4.9	2.5	2.0	5.2	1.9	2.6
Jun.	4.3	3.0	1.0	3.6	1.7	1.3	5.1	3.6	1.2	4.4	2.0	1.7	4.3	3.6	0.5	4.0	2.5	0.8	4.7	2.5	1.8	5.1	2.0	2.2
Jul.	4.0	2.2	1.6	4.3	1.6	2.1	5.8	3.0	2.6	4.3	1.9	1.8	4.8	2.6	2.0	6.5	2.3	3.4	4.8	2.1	2.4	6.7	1.9	3.9
Aug.	4.2	2.7	1.2	5.0	2.9	1.4	5.4	3.5	1.4	4.6	3.1	0.8	4.4	3.4	0.9	6.2	3.7	0.4	5.3	2.6	2.4	6.5	2.8	2.7
Sep.	4.0	2.7	1.0	4.4	2.3	1.5	5.0	3.4	1.4	5.0	2.5	1.8	3.9	3.0	0.7	4.9	3.1	1.3	5.3	2.8	2.0	5.5	2.3	2.5
Oct.	3.7	2.5	1.0	3.8	1.7	1.5	4.2	2.9	1.1	4.8	2.0	1.9	4.4	3.1	1.1	4.1	2.3	1.2	5.1	2.7	2.2	5.1	1.9	2.6
Nov.	3.0	1.9	1.0	3.6	1.3	1.7	3.5	2.2	1.1	4.2	1.7	1.7	2.9	1.9	0.8	3.8	1.9	1.4	3.6	1.7	1.7	5.5	1.4	3.6
Dec.	2.4	1.2	1.0	3.3	0.9	1.9	3.1	1.6	1.3	3.8	1.2	1.9	1.9	1.3	0.4	3.3	1.2	1.5	3.1	1.0	1.8	5.3	0.9	3.8
1980																								
Jan.	3.8	2.0	1.6	3.7	1.3	1.7	2.6	1.4	1.1	4.4	1.4	2.4	3.9	2.8	1.0	3.9	1.9	1.3	6.8	2.9	3.6	4.7	1.7	2.3
Feb.	3.4	1.9	1.3	3.3	1.3	1.4	3.0	1.6	1.3	3.6	1.2	1.7	4.3	2.8	1.4	3.5	2.1	0.8	5.5	2.6	2.6	4.2	1.6	1.8
Mar.	3.3	2.0	1.1	3.4	1.3	1.4	3.2	1.7	1.3	3.5	1.1	1.9	3.7	2.6	1.0	3.3	1.7	1.0	4.3	2.4	1.6	4.5	1.7	1.9

Year & Month	Paper & Allied Products						Printing & Publishing						Chemicals						Petroleum & Coal Products					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.7	2.0		3.5	1.6	1.3	2.4	1.9		2.6	1.4	0.7	2.2	1.6		2.3	1.0	0.7	1.4	1.1		1.4	0.6	0.3
1975	3.4	1.0		3.7	0.7	2.5	2.0	1.1		2.5	0.8	1.3	2.2	0.9		2.4	0.5	1.4	1.1	0.8		1.1	0.3	0.3
1976	2.5	1.5	0.9	2.4	0.8	1.1	2.3	1.5	0.6	2.3	0.9	0.9	2.1	1.2	0.7	1.9	0.6	0.8	1.5	1.0	0.2	1.6	0.4	0.3
1977	2.6	1.5	0.9	2.7	0.9	1.3	2.2	1.5	0.6	2.1	1.0	0.7	2.0	1.3	0.6	2.0	0.7	0.6	1.4	1.1	0.1	1.5	0.5	0.3
1978	2.7	1.7	0.8	2.6	1.1	0.9	2.5	1.8	0.6	2.4	1.2	0.8	2.0	1.4	0.5	1.8	0.7	0.5	1.4	1.1	0.2	1.5	0.5	0.4
1979	3.0	2.0	0.9	3.0	1.3	1.0	2.7	2.0	0.6	2.4	1.3	0.7	1.9	1.4	0.4	1.7	0.8	0.4	1.6	1.2	0.2	1.4	0.6	0.4
Mar.	2.4	1.4	0.8	1.9	1.0	0.4	2.7	1.7	1.0	2.0	1.1	0.6	2.1	1.6	0.4	1.4	0.7	0.3	1.2	0.9	0.2	0.7	0.3	0.1
Apr.	2.6	1.6	0.8	2.5	1.1	0.8	2.4	1.8	0.5	2.3	1.2	0.8	1.6	1.1	0.3	1.2	0.6	0.4	2.0	1.1	0.8	1.2	0.5	0.4
May	3.8	2.6	0.9	2.5	1.2	0.8	2.7	2.2	0.5	2.4	1.3	0.7	2.2	1.7	0.4	1.3	0.6	0.3	2.4	1.6	0.4	1.0	0.4	0.2
Jun.	4.1	3.2	0.7	2.0	1.1	0.5	3.3	2.6	0.6	2.4	1.3	0.8	3.0	2.4	0.4	1.5	0.7	0.4	2.8	2.6	0.1	1.2	0.2	0.3
Jul.	4.3	2.6	1.6	3.6	1.2	1.7	2.4	1.7	0.6	2.1	1.2	0.6	1.6	1.2	0.3	1.4	0.7	0.4	2.7	2.3	0.2	1.1	0.4	0.2
Aug.	3.6	2.6	0.9	4.5	2.7	0.8	2.5	1.9	0.1	3.2	2.2	0.4	1.9	1.6	0.3	2.8	1.9	0.4	1.4	0.9	0.1	3.6	2.5	0.4
Sep.	3.2	2.8	0.2	4.4	2.7	1.0	2.8	2.3	0.4	2.7	1.8	0.6	2.0	1.5	0.3	2.5	1.2	0.8	1.7	1.4	0.2	1.8	1.1	0.1
Oct.	2.8	2.2	0.5	2.9	1.2	1.0	3.0	2.5	0.4	2.2	1.3	0.5	1.9	1.4	0.4	1.7	0.7	0.6	1.1	0.9	0.1	1.4	0.3	0.5
Nov.	2.4	1.6	0.7	2.8	1.1	1.0	2.4	1.8	0.5	2.2	1.1	0.8	1.4	0.9	0.4	1.2	0.6	0.3	0.9	0.8	0.1	1.5	0.4	0.7
Dec.	1.6	0.9	0.6	2.6	0.7	1.5	2.5	1.5	0.9	1.7	0.8	0.5	1.3	0.9	0.2	1.2	0.4	0.5	0.7	0.6	N	1.5	0.3	1.1
1980																								
Jan.	2.4	1.1	1.1	2.8	0.8	1.3	2.7	1.9	0.8	2.4	1.0	0.9	1.7	1.1	0.4	1.9	0.6	0.6	1.2	0.9	0.1	1.1	0.4	0.2
Feb.	2.5	1.5	0.8	2.8	0.8	1.4	2.1	1.5	0.7	2.4	1.2	0.8	1.8	1.3	0.3	1.6	0.6	0.2	0.8	0.5	0.2	1.2	0.3	0.1
Mar.	3.0	1.6	1.3	4.1	1.0	1.9	2.9	2.0	0.9	1.8	0.9	0.6	1.6	1.2	0.4	1.4	0.5	0.5	1.3	0.9	0.3	0.8	0.3	0.1

Year & Month	Rubber & Plastics						Leather Goods					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.4	3.0		5.2	2.3	1.8	7.1	5.6		8.6	5.1	2.6
1975	3.7	1.1		4.9	0.9	3.1	6.8	5.1		7.0	3.5	2.6
1976	4.1	2.2	1.6	3.7	1.3	1.5	6.4	4.7	1.4	7.2	3.9	2.4
1977	3.5	2.3	1.0	3.6	1.4	1.3	6.6	4.9	1.3	6.8	4.1	1.8
1978	3.3	2.2	0.8	3.2	1.5	1.0	7.0	5.0	1.5	8.0	4.8	2.4
1979	3.6	2.4	0.9	3.5	1.6	1.1	6.7	4.8	1.3	7.7	4.5	2.4
Mar.	3.1	2.2	0.6	3.5	1.5	1.1	6.8	4.7	1.5	8.3	4.5	2.8
Apr.	3.8	2.2	1.4	3.4	1.2	1.4	6.7	4.9	1.5	8.2	4.7	2.5
May	4.8	3.2	1.2	3.2	1.5	0.8	7.9	5.8	1.5	8.2	5.4	1.4
Jun.	4.5	3.4	0.7	2.9	1.2	1.0	7.8	5.7	1.5	7.3	4.5	2.1
Jul.	3.1	2.0	0.8	3.2	1.4	1.0	5.5	4.0	1.0	9.9	4.5	4.9
Aug.	3.9	2.8	0.7	5.6	3.3	1.3	10.4	6.5	3.7	10.8	6.7	3.4
Sep.	3.5	2.4	0.6	4.4	2.3	1.2	6.2	4.6	1.1	8.0	6.0	1.3
Oct.	3.1	2.1	0.7	3.5	1.3	1.1	5.6	4.9	0.4	7.0	4.5	1.7
Nov.	2.5	1.3	0.9	2.8	1.0	1.2	4.5	3.6	0.6	6.7	3.2	3.0
Dec.	1.8	1.0	0.7	3.0	0.6	1.7	4.3	2.2	1.8	5.6	2.4	2.3
1980												
Jan.	3.2	1.7	1.2	4.0	1.2	2.1	7.0	5.0	1.7	6.1	3.6	1.8
Feb.	2.4	1.4	0.7	4.5	0.9	2.6	5.1	3.9	1.1	6.5	3.3	2.8
Mar.	2.7	1.3	1.0	4.4	1.0	2.5	7.2	5.6	1.5	7.7	3.9	1.8

N = Negligible

TABLE 18. LABOR TURNOVER RATES IN PENNSYLVANIA
DURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	All Manufacturing						Durable Goods						Furniture & Fixtures						Stone, Clay & Glass					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	3.4	2.2		3.9	1.6	1.6	2.9	1.9		3.2	1.2	1.3	5.0	3.5		7.0	2.9	3.0	3.6	2.0		4.6	1.4	2.5
1975	3.3	1.4		3.9	0.8	2.3	2.8	0.9		3.7	0.6	2.5	5.8	2.0		6.1	1.2	4.1	3.9	1.0		4.6	0.7	3.3
1976	3.3	1.5	1.5	3.5	0.9	1.9	2.9	1.0	1.6	3.1	0.6	1.8	5.1	2.8	2.0	5.2	1.8	2.5	3.7	1.3	2.3	3.5	0.7	2.2
1977	3.4	1.7	1.5	3.5	1.0	1.8	3.1	1.3	1.6	3.2	0.7	1.8	6.4	3.8	2.4	5.6	2.1	2.5	3.9	1.4	2.4	3.6	0.8	2.2
1978	3.0	1.8	0.9	2.9	1.2	1.1	2.6	1.5	0.9	2.4	0.8	0.9	4.8	4.0	0.6	4.7	2.7	1.0	2.7	1.6	1.0	2.8	0.9	1.2
1979	3.0	1.8	0.9	3.1	1.2	1.3	2.6	1.5	0.8	2.7	0.9	1.1	4.9	3.4	1.3	5.4	2.2	2.0	2.8	1.3	1.3	2.9	0.8	1.5
Mar.	3.1	1.8	1.0	2.9	1.1	1.0	2.6	1.5	0.9	2.3	0.8	0.8	4.1	3.5	0.3	5.7	2.4	1.9	3.8	1.0	2.7	2.6	0.7	1.4
Apr.	2.9	1.7	0.9	2.8	1.1	1.0	2.5	1.5	0.8	2.3	0.8	0.6	4.2	3.1	0.6	6.0	2.0	2.9	3.8	1.7	2.0	2.4	0.7	1.2
May	3.6	2.3	1.0	2.8	1.2	0.9	3.2	2.0	0.9	2.2	0.9	0.6	7.8	4.3	3.3	6.9	2.2	3.2	3.8	2.3	1.3	1.9	0.8	0.6
Jun.	3.6	2.6	0.7	2.8	1.2	1.0	3.1	2.3	0.6	2.3	0.9	0.8	6.5	3.8	2.4	4.6	2.4	0.8	3.6	2.6	0.7	2.3	0.8	1.0
Jul.	3.2	1.8	1.1	3.3	1.1	1.6	2.7	1.6	0.9	2.7	0.8	1.2	6.6	3.5	3.0	7.5	2.0	4.5	2.7	1.7	0.9	2.4	0.8	1.1
Aug.	3.5	2.2	1.0	4.2	2.3	1.2	3.0	1.8	0.9	3.7	1.8	1.1	6.9	5.2	1.6	6.8	4.4	0.7	2.9	1.7	1.1	4.1	2.1	1.4
Sep.	3.1	2.1	0.7	3.5	1.6	1.2	2.5	1.6	0.6	3.0	1.2	1.0	5.3	4.9	0.3	6.0	3.1	1.4	2.7	1.3	1.3	3.0	1.3	1.1
Oct.	2.9	1.9	0.8	3.1	1.1	1.3	2.4	1.5	0.7	2.7	0.8	1.2	3.8	3.1	0.5	3.9	2.0	0.9	1.7	1.0	0.5	3.1	0.7	1.9
Nov.	2.3	1.3	0.8	3.0	0.8	1.6	1.8	0.9	0.6	2.7	0.6	1.6	2.8	2.1	0.6	4.4	1.4	2.2	2.0	0.7	1.1	2.2	0.5	1.3
Dec.	1.9	0.9	0.9	3.1	0.6	2.0	1.6	0.7	0.8	3.0	0.4	2.0	2.5	1.4	1.0	3.6	1.1	1.8	1.4	0.4	0.9	3.9	0.3	3.2
1980																								
Jan.	3.2	1.5	1.4	3.3	0.9	1.7	2.8	1.2	1.3	3.1	0.6	1.8	3.5	1.9	1.5	5.3	1.3	3.2	2.5	0.6	1.8	3.9	0.5	2.8
Feb.	2.8	1.4	1.2	3.0	0.9	1.4	2.4	1.1	1.1	2.8	0.6	1.4	3.9	2.0	1.8	3.9	1.3	1.6	2.4	0.6	1.8	3.0	0.5	2.0
Mar.	2.7	1.5	1.0	3.0	0.9	1.4	2.3	1.1	0.9	2.7	0.6	1.4	3.7	2.2	1.4	3.6	1.6	1.4	2.5	0.7	1.8	2.7	0.4	1.8

Year & Month	Primary Metals						Fabricated Metals						Machinery except Electrical						Electric & Electronic Equipment					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.3	1.5		2.3	0.9	0.8	3.7	2.4		4.1	1.4	1.8	2.6	2.1		2.3	1.2	0.4	2.2	1.4		2.9	1.1	1.1
1975	3.0	0.5		4.3	0.3	3.3	2.8	1.1		3.8	0.6	2.5	1.7	0.9		2.7	0.6	1.5	1.6	0.4		2.8	0.4	1.8
1976	3.3	0.6	2.4	3.3	0.4	2.2	2.7	1.1	1.5	3.5	0.6	2.2	2.4	0.9	1.4	2.8	0.6	1.7	2.1	1.0	0.7	2.2	0.6	0.9
1977	2.9	0.8	1.8	3.2	0.4	2.0	3.3	1.3	1.8	3.4	0.7	2.1	3.2	1.0	2.0	3.5	0.6	2.3	2.5	1.2	0.8	2.6	0.7	1.2
1978	2.5	1.1	1.2	2.4	0.5	1.1	3.1	1.6	1.2	3.0	0.9	1.3	2.1	1.4	0.5	1.6	0.7	0.4	2.3	1.3	0.7	2.3	0.8	0.8
1979	2.2	1.2	0.8	2.4	0.6	1.0	3.2	1.9	1.1	3.2	1.0	1.5	1.8	1.4	0.3	1.6	0.8	0.4	2.4	1.4	0.6	2.4	0.9	0.8
Mar.	1.9	1.2	0.5	1.8	0.4	0.6	3.0	1.8	1.1	2.5	0.8	1.0	1.8	1.4	0.2	1.7	0.8	0.3	2.4	1.4	0.7	2.4	0.8	0.8
Apr.	2.0	1.1	0.7	1.9	0.4	0.7	2.8	1.8	0.9	3.1	0.9	1.6	1.6	1.2	0.2	1.3	0.7	0.2	2.5	1.4	0.7	2.3	0.8	0.5
May	3.3	1.8	1.1	1.6	0.5	0.4	3.8	2.4	1.1	2.5	1.1	0.7	1.9	1.6	0.2	1.5	0.8	0.2	2.9	1.8	0.6	2.4	1.0	0.6
Jun.	2.6	2.0	0.3	1.4	0.5	0.2	3.7	2.5	1.0	3.5	1.0	1.7	2.4	2.1	0.2	1.9	0.9	0.5	2.9	2.1	0.5	1.7	0.8	0.3
Jul.	2.2	1.4	0.6	2.3	0.5	0.8	3.3	1.9	1.1	3.3	0.9	1.7	2.0	1.3	0.5	1.9	0.7	0.7	2.9	1.6	1.0	2.8	0.8	1.5
Aug.	2.0	1.2	0.5	3.4	1.7	0.8	4.7	2.4	1.9	4.6	2.0	1.9	2.3	1.5	0.6	2.3	1.3	0.4	3.0	2.1	0.5	3.9	2.0	1.0
Sep.	1.7	1.0	0.5	3.4	1.0	1.6	3.3	2.3	0.7	3.0	1.2	1.1	1.8	1.5	0.2	2.0	0.9	0.5	2.4	1.5	0.4	2.3	1.2	0.4
Oct.	2.1	0.9	0.9	2.8	0.5	1.6	3.2	2.1	1.1	3.1	0.9	1.4	1.7	1.4	0.2	1.5	0.7	0.4	1.9	1.2	0.3	2.2	0.7	0.8
Nov.	1.7	0.7	0.9	2.3	0.3	1.4	2.4	1.4	0.9	2.7	0.6	1.5	1.4	1.1	0.2	1.3	0.6	0.4	1.5	0.9	0.2	1.9	0.5	0.8
Dec.	1.9	0.4	1.2	3.7	0.3	2.9	2.0	0.9	0.9	3.9	0.5	2.8	1.2	0.8	0.2	1.1	0.4	0.3	1.5	0.7	0.5	1.8	0.5	0.8
1980																								
Jan.	2.5	0.7	1.5	2.8	0.3	1.6	4.2	1.4	2.5	4.4	0.6	3.0	1.9	1.5	0.3	1.7	0.7	0.5	2.4	1.3	0.6	2.5	0.7	0.9
Feb.	2.3	0.6	1.4	2.4	0.4	1.2	3.0	1.2	1.4	3.2	0.6	1.9	1.7	1.3	0.4	1.7	0.7	0.6	1.8	1.0	0.4	3.0	0.7	1.4
Mar.	2.1	0.7	1.0	2.4	0.3	1.2	2.8	1.1	1.4	3.4	0.7	2.1	1.7	1.3	0.3	1.8	0.7	0.5	2.1	1.2	0.5	3.0	0.7	1.2

Year & Month	Transportation Equipment						Instruments & Related						Miscellaneous Manufacturing					
	Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.2	2.2		4.2	1.1	2.0	2.9	2.4		2.8	1.4	0.7	3.8	2.6		4.8	1.8	2.3
1975	3.5	1.3		3.9	0.6	2.2	1.9	1.1		2.2	0.6	1.0	3.2	1.0		3.3	0.7	2.1
1976	3.2	1.1	1.6	3.5	0.5	2.0	2.1	1.4	0.5	1.8	0.7	0.6	2.6	1.5	0.9	2.7	0.8	1.2
1977	3.0	1.6	1.1	2.8	0.6	1.4	2.1	1.6	0.3	1.7	0.8	0.4	2.7	1.5	1.1	2.7	0.8	1.3
1978	3.0	1.5	1.0	2.5	0.7	1.0	2.0	1.6	0.2	1.7	0.9	0.3	2.9	1.9	0.9	2.9	1.0	1.2
1979	2.8	1.4	0.9	3.3	0.7	1.6	2.0	1.5	0.3	1.9	0.9	0.4	3.6	2.2	1.2	3.8	1.4	1.7
Mar.	2.7	1.6	0.7	2.8	0.9	1.0	2.2	1.9	0.1	1.4	0.9	0.2	3.6	2.3	1.3	2.7	0.9	0.7
Apr.	3.1	1.4	1.3	2.9	0.7	1.1	2.0	1.4	0.5	1.7	0.9	0.3	3.3	1.6	1.6	3.0	0.9	1.1
May	3.1	1.5	1.2	2.5	0.6	0.9	2.7	1.9	0.6	2.0	0.9	0.5	3.5	2.3	1.0	2.2	1.1	0.3
Jun.	2.7	1.7	0.6	3.8	0.6	1.9	2.9	2.3	0.4	2.0	1.0	0.4	6.0	4.4	1.4	2.4	1.4	0.5
Jul.	3.2	1.4	1.2	3.0	0.6	1.4	1.5	1.2	0.1	2.1	0.8	0.8	3.3	1.5	1.7	4.1	1.4	2.2
Aug.	3.1	1.4	1.2	3.4	1.1	1.4	7.9	1.2	0.5	2.6	1.5	0.3	4.8	3.4	1.3	6.2	3.7	1.9
Sep.	3.1	1.7	1.0	3.1	1.0	1.2	1.5	1.2	0.2	3.0	1.1	1.0	4.0	3.2	0.6	3.8	2.0	1.0
Oct.	3.3	2.0	0.7	3.4	0.9	1.3	1.4	1.2	0.1	1.6	0.8	0.4	4.0	2.4	1.5	3.2	1.8	0.5
Nov.	2.2	0.7	1.1	6.2	0.6	4.7	1.5	1.0	0.4	1.4	0.6	0.4	1.6	1.1	0.4	6.6	1.5	4.5
Dec.	1.7	0.4	0.9	3.0	0.3	2.2	1.1	0.7	0.3	1.0	0.5	0.1	1.2	0.6	0.6	5.4	0.7	4.4
1980																		
Jan.	2.9	1.4	1.2	3.4	0.5	1.8	1.7	1.2	0.4	2.1	0.6	0.7	2.3	1.3	0.9	4.7	1.2	2.7
Feb.	2.8	1.3	1.1	3.4	0.6	1.7	1.8	1.3	0.3	1.9	0.7	0.7	3.3	1.5	1.6	3.0	1.0	1.4
Mar.	2.5	1.1	0.9	3.5	0.5	1.9	1.9	1.6	0.1	2.3	0.6	1.1	3.1	2.0	1.0	3.0	0.9	1.5

N = Negligible